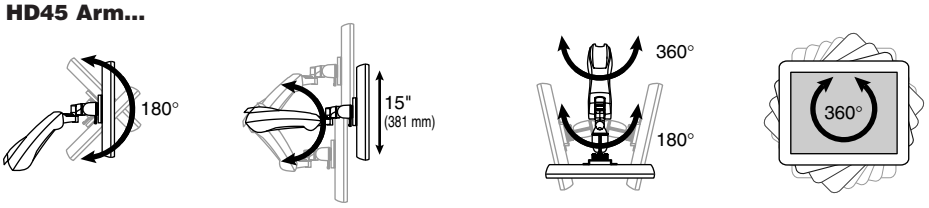
Mounting Solutions Product Selection

HD Series

HD Series Mounting Solutions feature full adjustment capability; moving monitors and laptops through a 15" vertical range. The heavy-duty HD45 and HD Pivots accommodate heavier monitors than standard Mounting Solutions products. A laptop version provides a secure docking station. Attach the HD Series to virtually any vertical or horizontal surface. For HD Pivot “Range of Motion” drawings, see page 30.

Range of Motion

HD45 Arm...



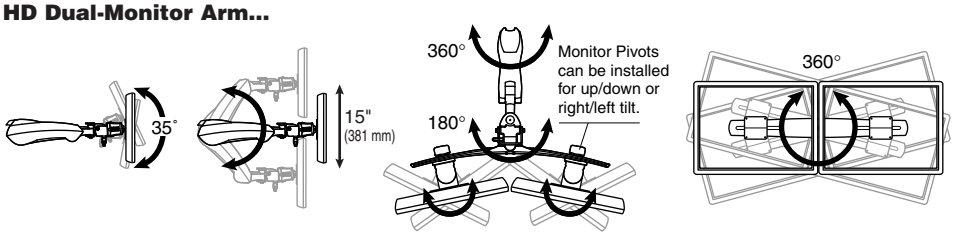
Side View
Up/down tilt

Side View
Height adjustment

Top View
Side-to-side

Front View
Portrait/landscape

HD Dual-Monitor Arm...



Side View
Up/down tilt

Side View
Height adjustment

Top View
Side-to-side

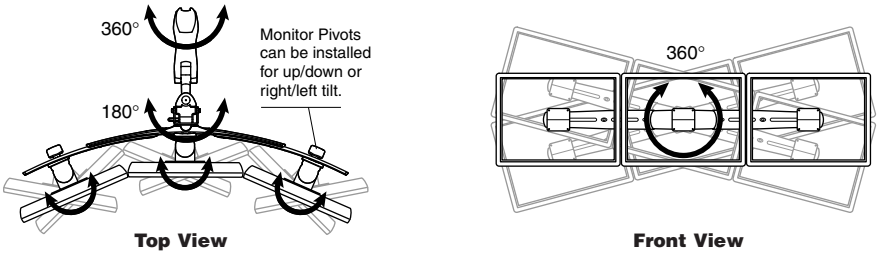
Front View
Clock-rotation

NO LONGER AVAILABLE —

HD Triple-Monitor Arm...

Side View
Up/down tilt

Side View
Height adjustment



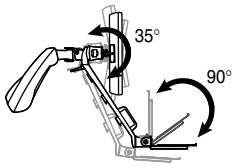
Top View
Side-to-side

Front View
Clock-rotation

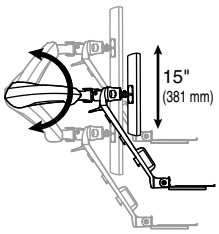
Attention: For HD Series dimensional information, see pages 64-65.

Range of Motion

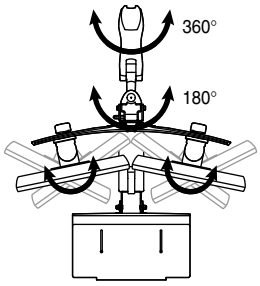
HD Combo Dual-Monitor Arm...



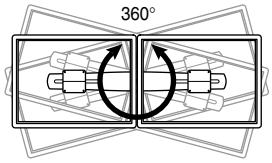
Side View
Up/down tilt



Side View
Height adjustment

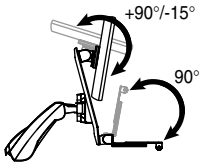


Top View
Side-to-side

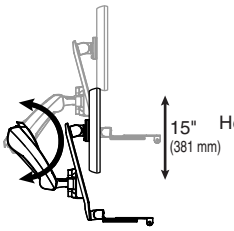


Front View
Clock-rotation

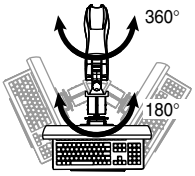
HD Combo Arm...



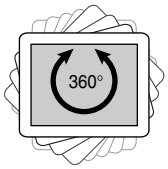
Side View
Up/down tilt



Side View
Height adjustment

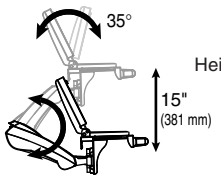


Top View
Side-to-side

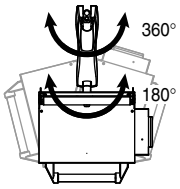


Front View
Portrait/landscape

HD Laptop Arm...

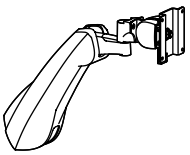


Side View
Height adjustment/tilt

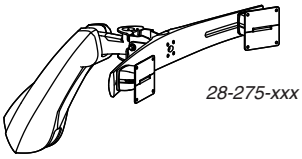


Top View
Side-to-side

Attention: For HD Series dimensional information, see pages 64-65.

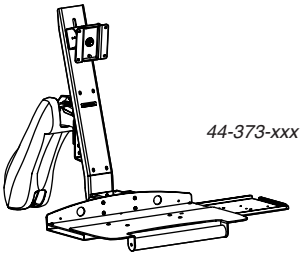


44-371-xxx

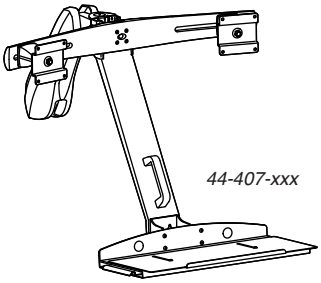


28-275-xxx

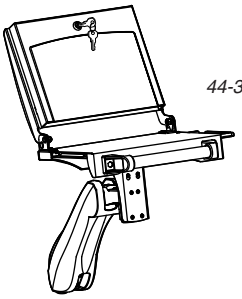
28-276-xxx



44-373-xxx



44-407-xxx



44-389-xxx

HD Series – Arms (order Base separately)

Select the HD45 Arm for heavy monitors. The HD Dual-Monitor and Triple-Monitor Arms hold multiple monitors. The HD Combo accommodates a single flat panel and keyboard on the same arm. The HD Combo Dual-Monitor Arm supports two flat panel monitors and a single keyboard at the same time. The HD Laptop Arm offers a secure docking station. All HD Arms are compatible with the 18" Extender (44-396-xxx) (p.29).

Part Number	Description	Weight Capacity per Pivot	Shipping Weight
Monitor Mounts			
44-371-180, grey 44-371-200, black	HD45 Arm (order Base separately, page 29)	20–xx lbs (9–xx kg) for "xx", see chart below	9 lbs (4.1 kg)
Multi Monitor Mounts			
28-275-180, grey* 28-275-200, black*	HD Dual-Monitor Arm (order Base separately, page 29)	20 lbs (9 kg)	22 lbs (10 kg)
28-276-180, grey* 28-276-200, black*	HD Triple-Monitor Arm (order Base separately, page 29)	15 lbs (6.8 kg)	27 lbs (12.3 kg)
Combo Mounts			
44-373-180, grey 44-373-200, black	HD Combo Arm, Keyboard Tray w/ Sliding Mouse Tray (order Base separately, page 29)	Mon: 25 lbs (11.4 kg) Kybd: 15 lbs (6.8 kg)	19 lbs (8.6 kg)
44-407-180, grey* 44-407-200, black*	HD Combo Dual-Monitor Arm, Keyboard Tray w/ Sliding Mouse Tray (order Base separately, page 29)	Mon: 20 lbs (9 kg) Kybd: 5 lbs (2.3 kg)	36 lbs (16.3 kg)
Laptop Mounts			
44-389-180, grey 44-389-200, black	HD Laptop Arm, Security Shroud (order Base separately, page 29)	20 lbs (9 kg)	42 lbs (19.1 kg)

* For allowable monitor widths, see Page 63.

Note: Monitor interfaces that are not VESA FDMI compliant require a separately ordered, adapter bracket. Contact your Sales Representative for more information. (See page 49 for details.)

Note: All HD Monitor Arms are compatible with the VESA FDMI, MIS-D, 100/75, C (hole pattern: 100x100 mm or 75x75 mm) interface standard.

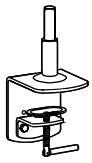
Weight Capacity

applies to HD45 Arm and HD Pivots

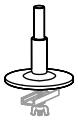
Maximum Monitor Thickness	Maximum Monitor Weight
4" (102 mm)	40 lbs (18.1 kg)
3-1/2" (89 mm)	43 lbs (19.5 kg)
3-1/4" (83 mm)	45 lbs (20.4 kg)
3" (76 mm)	48 lbs (21.8 kg)
2-1/2" (64 mm)	53 lbs (24 kg)

Attention:
For additional weight capacity information, see page 55.

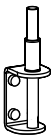
Attention: For HD Series dimensional information, see pages 64-65.



60-257-xxx

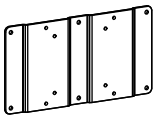


33-269-xxx



60-378-xxx

44-396-xxx



97-197-200, converts 200 x 100 mm monitors into 75 x 75 mm or 100 x 100 mm hole pattern

HD Series – Other Components for HD Arms

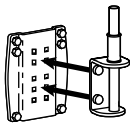
Order a Base separately to complement your HD Arm. An optional HD Extender increases the reach of your HD Series Arms.

Part Number	Description	Attaches to…	Shipping Weight
Bases			
60-257-180, grey* 60-257-200, black*	Desk Clamp	Horizontal surface at edge ≤ 3" (76 mm) thick	5 lbs (2.3 kg)
33-269-180, grey* 33-269-200, black*	Grommet Mount	Horizontal surface through hole 3/8" to 3" (10 to 76 mm) wide, up to 4" (102 mm) thick	5 lbs (2.3 kg)
60-378-180, grey* 60-378-200, black*	Vertical Mount	Vertical surface: Command Post, Wall Track, Wall Mount Bracket, etc.	2 lbs (.9 kg)
Extenders			
44-396-180, grey* 44-396-200, black*	HD Extender, 18-inch	Vertical surface: Command Post, Wall Track, Wall Mount Bracket, etc. It is NOT necessary to purchase a base with this product.	14 lbs (6.4 kg)
Interface Plate			
97-197-200, black	200 x 100 mm Adapter Plate Kit	Monitors using the VESA MIS-E, C Interface Standard	2 lbs (.9 kg)

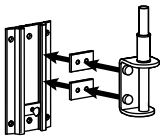
* Not compatible with HD Pivots.

HD Series Arms Vertical Mount Attachment

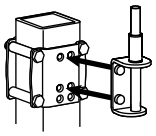
Use Vertical Mount (60-378-xxx) in tandem with Ergotron mounting systems.



Wall Mount Bracket (page 40)



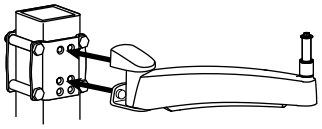
Wall Track (page 41)



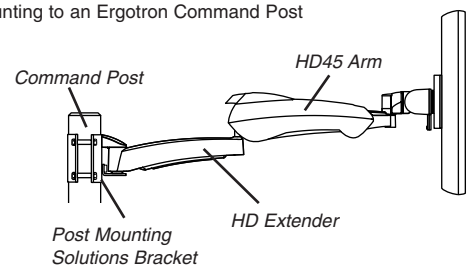
Command Post (page 42)

HD Series Extender Attachment

Example of the HD Extender (44-396-xxx) mounting to an Ergotron Command Post



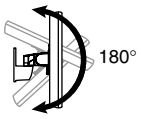
The HD Series is well-suited to industrial applications using the Command Post.



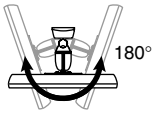
Attention: For HD Series dimensional information, see pages 64-65.

Range of Motion

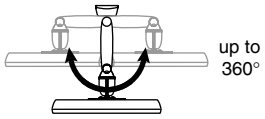
HD Pivots



Side View
Up/down tilt



Top View
Left/right tilt



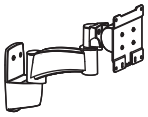
Top View
Side-to-side rotation
with extension

HD Series – Pivots

HD Pivots provide a fixed height solution for heavy monitors.

28-274-xxx

45-142-xxx



45-143-xxx

45-144-xxx

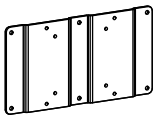
Part Number	Description	Weight Capacity per Pivot	Shipping Weight
28-274-180, grey* 28-274-200, black*	HD Pivot, Vertical Mount	See chart below	3 lbs (1.4 kg)
45-142-180, grey* 45-142-200, black*	HD Pivot, 9" Extension, Vertical Mount	See chart below	9 lbs (4.1 kg)
45-143-180, grey* 45-143-200, black*	HD Pivot, 5" Extension, Vertical Mount	See chart below	6 lbs (2.7 kg)
45-144-180, grey* 45-144-200, black*	HD Pivot, 7" Pole Mount Extension, for 1-1/2" diameter poles	See chart below	6 lbs (2.7 kg)

* VESA FDMI 100 x 100 mm monitor hole pattern only. Not compatible with 75 x 75 mm interface.

Note: Monitor interfaces that are not VESA FDMI compliant require a separately ordered, adapter bracket. Contact your Sales Representative for more information. (See page 49 for details.)

HD Series – Other Components for HD Pivots

The 200 x 100 mm Adapter Plate Kit converts 200 x 100 mm hole pattern monitors into a 75 x 75 mm or 100 x 100 mm hole pattern.



97-197-200

Part Number	Description	Attaches to...	Shipping Weight
Interface Plate			
97-197-200, black	200 x 100 mm Adapter Plate Kit	Monitors using the VESA MIS-E, C Interface Standard	2 lbs (.9 kg)

Weight Capacity

applies to HD45 Arm and HD Pivots

Maximum Monitor Thickness	Maximum Monitor Weight
4" (102 mm)	40 lbs (18.1 kg)
3-1/2" (89 mm)	43 lbs (19.5 kg)
3-1/4" (83 mm)	45 lbs (20.4 kg)
3" (76 mm)	48 lbs (21.8 kg)
2-1/2" (64 mm)	53 lbs (24 kg)

Mounting Options & Accessories for HD Series

Surface Attachment Options	Page #
Desk Clamp, Grommet Mount	above
Direct Mount (Vertical Mount, above), Wall Plates	40
Wall Tracks	41
Command Posts	42

Accessory Options	Page #
Extenders	above
Wrist Rests & Mouse Accessories	46
CPU Holders	47
Storage Components	48
Peripheral Table	48

Attention:
For additional weight capacity information, see page 55.

Attention: For HD Series dimensional information, see pages 64-65.

Photo Reference for HD Series

The HD Combo Arm supports both a single monitor and keyboard. Inset photo shows HD Combo Arm with 18" Extender.

The HD Dual-Monitor Arm mounts securely to most any desk surface with the Desk Clamp Mount. Inset photo shows the HD Dual-Monitor Arm with it's crossbar rotated 90° to hold monitors over/under.

Here, the HD45 Arm is shown vertically mounted to an Ergotron Command Post.

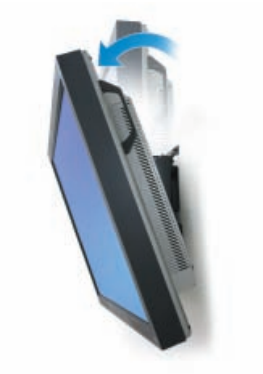
HD Triple-Monitor Arm shown with Vertical Mount on Wall Track. This multiple-monitor mounting system utilizes Ergotron's patented Paraview Technology.

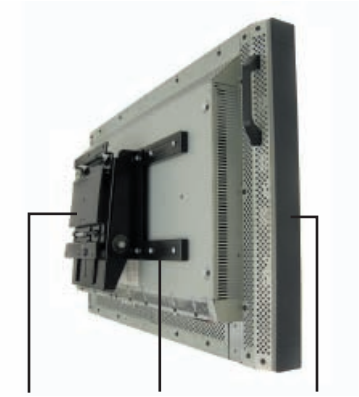
HD Pivot, Vertical Mount, with 9" Extension using 200 x 100 mm Adapter Plate Kit.

The HD Combo Dual-Monitor Arm supports two monitors and a single keyboard. Shown mounted on Wall Track.

Mounting Solutions Product Selection

FX Series





FX Series products, FX30, FX75, and FXT75 allow a flat panel monitor or display to be mounted to a vertical surface like a picture hung on a wall. The FX75 and FXT75 can also be pole or Command Post mounted. Once installed, these modules provide a rock-solid platform, even for monitors/displays with touch-screen capability. To remove a monitor or display from the wall, the user simply moves the quick-release lever to the side and lifts off the monitor or display. Reinstallation is just as easy!

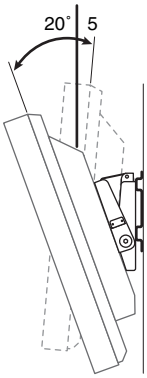
The unique patent pending tilt mechanism design of the FXT75 provides smooth (finger-touch) continuous tilt adjustment whether wall or pole mounted.

Range of Motion

Monitor/Display Tilt...

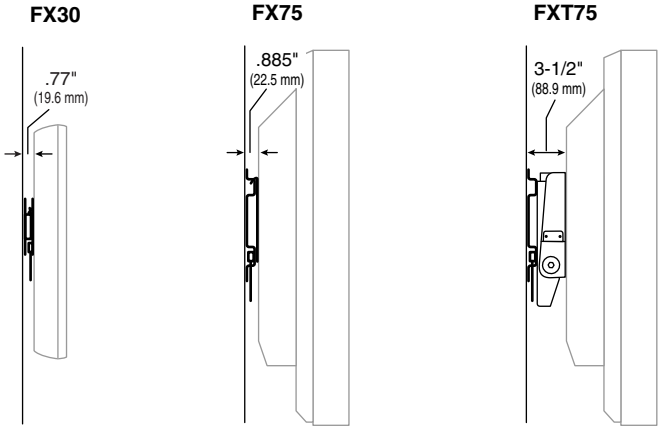
- FXT75 provides for up to 25 degrees (+20°/-5°) of tilt capability for large displays.

Side View
Forward/Backward tilt

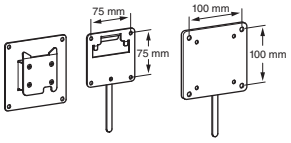


Profile Dimensions...

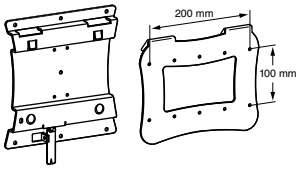
- FX Series products create a very sleek, low-profile system



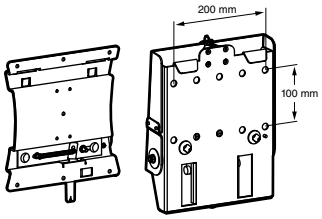
Attention: For FX Series dimensional information, see page 62.



60-239-007, 75/100 mm mounting interface



60-494-200, 200x100 mm mounting interface



60-521-200, 200x100 mm mounting interface

FX Series

A two-part bracket set: To install the FX30, the user simply moves the lever to the side, lifts the monitor into place and sets it into position. The user must then engage lever into its locked position. The unique “quick-connect” design of the FX75 and FXT75 makes installation a snap. Simply hook the two plates together and “snap” the display in place.

Part Number	Description	Attaches to…	Weight Capacity	Shipping Weight
60-239-007, black*	FX30 Fixed Mount	Wall	30 lbs (13.6 kg)	2 lbs (.9 kg)
60-494-200, black*	FX75 Fixed Mount	Wall, Pole and Command Post	75 lbs (34 kg)	7 lbs (3.2 kg)
60-521-200, black*	FXT75 Tilt Mount	Wall, Pole and Command Post	30–75 lbs** (13.6–34 kg)	16 lbs (7.3 kg)

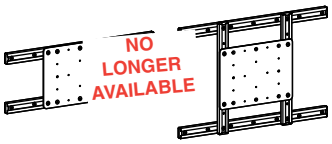
* Kit does not include screws or fasteners to mount bracket to wall surface. Customer supplied.

** Weight capacity of 75 lbs (34 kg) assumes a monitor/display thickness of 5-1/2" (140 mm) or less. For further information regarding the weight capacity of the FXT75, see page 55.

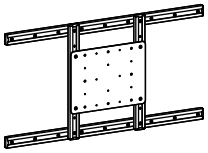
Note: Monitor display interfaces that are not VESA FDMI compliant require a separately ordered, adapter bracket. Contact your Sales Representative for more information. (See page 49 for details.)

60-542-009, 200x200 mm VESA MIS-F Adapter Interface Plate

60-545-009, 400x200 mm (left) and 400x400 mm (right) VESA MIS-F Adapter Interface Bracket



60-546-009, 600x200 mm (left) and 600x400 mm (right) VESA MIS-F Adapter Interface Bracket



60-548-009, 800x400 mm VESA MIS-F Adapter Interface Bracket

Adapter Interface Plates and Brackets

Adapter Interface Plates and Brackets allow the mounting of FX75 and FXT75 systems to large displays that use the VESA MIS-F interface standard. Interface brackets are available for the following VESA patterns: 200x200 mm, 400x200 mm, 400x400 mm, 600x200 mm, 600x400 mm, and 800x400 mm. These Brackets can accommodate large displays based on a horizontal or vertical VESA mounting hole configuration (Illustrations to the left show horizontal configuration only).

Part Number	Description	Application	Shipping Weight
60-542-009, black	VESA MIS-F Adapter Interface Plate	Attaches the FX75/FXT75 products to large TVs/displays based on a 200x200 mm VESA MIS-F hole pattern	4 lbs (1.8 kg)
60-545-009, black	VESA MIS-F Adapter Interface Bracket	Attaches the FX75/FXT75 products to large TVs/displays based on a 400x200 mm or 400x400 mm VESA MIS-F hole pattern	11 lbs (5 kg)
60-546-009, black	VESA MIS-F Adapter Interface Bracket	Attaches the FX75/FXT75 products to large TVs/displays based on a 600x200 mm or 600x400 mm VESA MIS-F hole pattern	12 lbs (5.4 kg)
60-548-009, black	VESA MIS-F Adapter Interface Bracket	Attaches the FX75/FXT75 products to large TVs/displays based on a 800x400 mm VESA MIS-F hole pattern	13 lbs (5.9 kg)

Note: The Adapter Interface Brackets will increase the distance from the wall to the back of the display when used with the FX75 and FXT75. The 400x200 mm and 600x200 mm Brackets will add 3/4" (19 mm) and the 400x400 mm, 600x400 mm, and 800x400 mm Brackets will add 1-3/8" (35 mm) of depth.

Note: The VESA MIS-F Interface Brackets will impact the weight capacity of the FXT75. See page 55 for more information.

Attention: For FX Series dimensional information, see page 62.

Mounting Options & Accessories for FX Series

Surface Attachment Options	Page #	Accessory Options	Page #
Direct Mounting	40	Wrist Rests & Mouse Accessories	46
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		Cable Channel	48

Mounting Solutions Product Selection

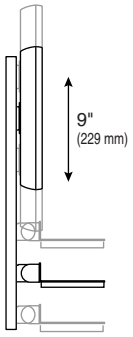
VL Series

Vertical Lift Mounting Solutions (VL Series) are wall-mounted modules that allow quick positioning of a monitor and keyboard. When the keyboard is folded in the storage position and with the appropriate monitor selection, the total system depth can be as little as 4 inches (102 mm), making it the ideal solution for confined or high-traffic areas. When installed at the correct height, the 9 inches (229 mm) of vertical adjustment accommodates the ergonomic height needs of everyone from the average-height female to the average-height male, in both sitting or standing applications.

Range of Motion

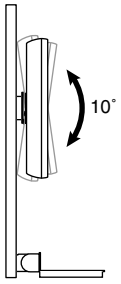
Vertical Lift Range...
- 9" (229 mm) of height adjustment
  – monitor and keyboard move in tandem

Side View



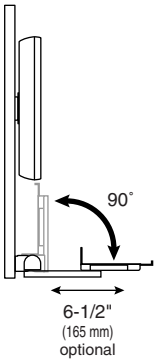
Monitor Tilt...
- Monitor tilts up and down 10°
  – monitor tilt varies between monitors

Side View



Keyboard Adjustment...
- Keyboard tilts 90°
- Keyboard extends 6-1/2" (165 mm)
  – optional

Side View



Attention: For VL Series dimensional information, see page 65.

VL Series

The monitor and keyboard move up and down in tandem for ease of use. An optional Slide-Out Keyboard Tray allows the user to pull out the keyboard to a more comfortable position. The system's smooth steel construction is both durable and easy to clean. A quick-connect interface makes monitor attachment/removal easy.

Part Number	Description	Weight Capacity**	Shipping Weight
25-022-100, grey* 25-022-101, black*	VL Series, VL-9 w/ Standard Keyboard Tray	9–34 lbs (4.1–15.4 kg)	34 lbs (15.4 kg)
25-027-100, grey* 25-027-101, black*	VL Series, VL-9 w/ Slide-Out Keyboard Tray	5–30 lbs (2.3–13.6 kg)	40 lbs (18.2 kg)
97-175-100, grey 97-175-101, black	Retrofit Kit to add Slide-Out Keyboard Tray	5–30 lbs (2.3–13.6 kg)	10 lbs (4.5 kg)

* Includes Keyboard Tray w/ Sliding Mouse Tray & Wrist Rest Holder (77-050-xxx) and Mouse Pad (85-025-079).

** Combined weight of monitor and keyboard.

Notes:

- Use of a VESA FDMI Standard compliant flat panel monitor is strongly recommended. We strongly urge you to contact Ergotron to verify monitor compatibility prior to ordering. (See page 49 for details.)
- Monitors with cables that exit straight out the back of the monitor, as well as monitors that have non-removable bases/stands, may not be compatible with the VL Series. The VL Series works best with cables that exit in a downward or sideward direction.
- Choose a monitor with four-hole mounting pattern at or near top-to-bottom center-line (C/L).

VL Series Attachment

For VL Series to remain less than 4" (102 mm) from the wall when in storage position, follow these guidelines:

1. Monitor must not be more than 2-1/2" (63 mm) thick.
2. Keyboard should not be more than 7-1/4" (184 mm) deep.
3. Dimension "A" must be no greater than 8-3/4" (222 mm).
4. Slide-Out Keyboard option cannot be used as its depth = 4-1/2" (114 mm).

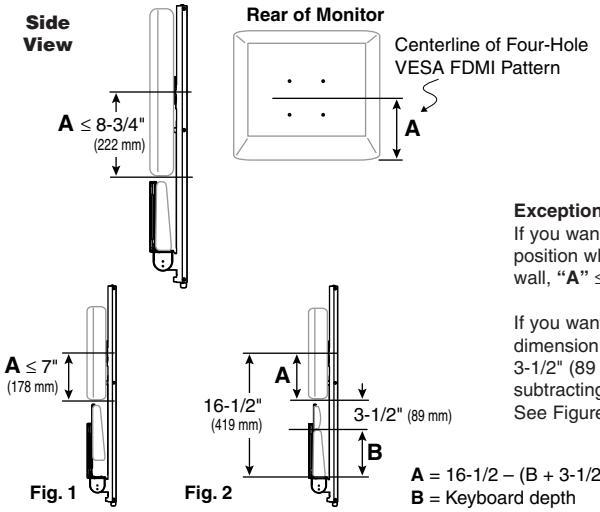


Fig. 1 Fig. 2

Exceptions:
If you want to install your keyboard in a forward position while remaining ≤ 4" (102 mm) from the wall, **"A"** ≤ 7" (178 mm). See Figure 1.

If you want to use a keyboard wrist rest, dimension **"A"** can be calculated by adding 3-1/2" (89 mm) to the keyboard depth **"B"** and subtracting this sum from 16-1/2" (419 mm). See Figure 2.

A = 16-1/2 – (B + 3-1/2)
B = Keyboard depth

Mounting Options & Accessories for VL Series

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Attention: For VL Series dimensional information, see page 65.